| Index of | f Claims |
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| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/667,752              | O'HARA, ROGER JOHN                      |
| Examiner                | Art Unit                                |

| √ | Rejected | - | - | (Through numeral)<br>Cancelled |
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| = | Allowed  |   | ÷ | Restricted                     |

| N | Non-Elected  | Α | Appea   |
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| ı | Interference | 0 | Objecte |

Kishin G. Belani

| Α | Appeal   |
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| Final  | Original   | 4/25/07                  |              |              |              |          |          |              |           |                 |
|  |  | L                        | H            | -            | <u> </u>     | L        | L        | L            | L         | Н               |
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| ├  | 1-   | 1                        | ⊢            | _            | ⊢            | H        | ⊢        | ⊢            | $\vdash$  | Н               |
| _  | 13   | ľ                        | <del> </del> | ⊢            |              | <u> </u> |          | ⊢            | -         | Н               |
|  | 1<br>2<br>3<br>4<br>5  | ΙŸ                       | <u> </u>     | _            | ├            | <u> </u> | L        | ┞            | <b>!</b>  | Н               |
| <u> </u>   | 5  | ľ                        | _            | _            | ┞—           | <u> </u> | _        | <u> </u>     | <u> </u>  | Ш               |
| L  | 6<br>7   | ١,                       |              | _            | ╙            | <u> </u> | _        | <u> </u>     | _         | Ш               |
| <u> </u>   |  | Ľ                        | <del> </del> | _            | <u> </u>     | _        | _        |              | _         | Ш               |
| <b>├</b>   | 8  | Ļ                        | ⊢            | _            | _            | <u> </u> | <u> </u> | <u> </u>     | <u> </u>  | Н               |
| <u> </u>   | 9  | Ľ                        | <u> </u>     | _            | _            | _        | <u> </u> | <u> </u>     | L         | Ш               |
|  | 10   | Ľ                        | <u> </u>     |              | _            | L        | <u> </u> | <u> </u>     | <u> </u>  |                 |
| <u> </u>   | 11   | ľ                        | <u> </u>     | _            | <u> </u>     | L        | _        | _            | _         | Ш               |
| <b>└</b>   | 12   | Ľ                        | <u> </u>     |              | _            | <u> </u> | <u> </u> | _            | <u> </u>  | $\square$       |
| <u> </u>   | 13   | Ľ                        | _            | _            | ⊢            | ⊢        | <u> </u> | <u> </u>     | <u> -</u> |                 |
| <u> </u>   | 14   | Ľ                        | <u> </u>     | _            | _            | <u> </u> | <u> </u> | <u> </u>     | _         | _               |
| <u> </u>   | 15   | <b>ソフソファファファファファファファ</b> | <u> </u>     | _            | <u> </u>     | _        | ⊢        | ╙            | <u> </u>  | Н               |
| _  | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17              | ٧                        |              | ⊢            | <del> </del> | <u> </u> | -        | -            | _         | Ш               |
| _  | 17   | <u> </u>                 | _            | ⊢            | ├            | -        | <u> </u> | ┞            | -         | Н               |
|  | 10   |                          | -            | _            | ⊢            |          | $\vdash$ |              | $\vdash$  | Н               |
| ⊢  | 19<br>20<br>21<br>22   | ⊢                        | <u> </u>     | ⊢            | -            | -        | ⊢        | <del> </del> |           | $\vdash$        |
|  | 20   |                          | <u> </u>     | _            | <u> </u>     | -        | $\vdash$ | <u> </u>     | ┢         | Н               |
| <u> </u>   | 21   | _                        | ⊢            | ⊢            | ┡            | ⊢        | ┝        | H            | ⊢         | Н               |
| -  | 22   | H                        | H            | ⊢            | $\vdash$     | ┢        | _        | H            | ⊢         | Н               |
|  | 23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33 | $\vdash$                 | $\vdash$     | <del> </del> | ┢            | -        | -        |              | ├         | Н               |
|  | 25   |                          | -            | -            | ┢            | $\vdash$ | ┢        | H            | -         | Н               |
|  | 26   |                          |              | ┝            | H            | H        | ┢        | H            | 1         | Н               |
|  | 27   |                          |              | _            | $\vdash$     | -        | $\vdash$ | $\vdash$     | $\vdash$  | Н               |
| ·  | 28   |                          |              | Т            | T            | _        | _        | -            | _         | Н               |
|  | 29   | Г                        |              | $\vdash$     | $\vdash$     | $\vdash$ | t        |              | <u> </u>  | H               |
|  | 30   |                          |              |              |              |          |          |              | $\vdash$  | Н               |
|  | 31   |                          |              |              |              |          |          |              | Г         | П               |
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| igsqcup  | 37<br>38   | Щ                        | Ш            | _            | L_           | <u> </u> |          | _            | _         | Ш               |
| igwdow   | 38   |                          |              |              | L            | <u> </u> |          | _            | L         | Ц               |
|  | 39   |                          |              |              | L            |          | <u> </u> |              |           | Ш               |
| <u> </u>   | 40   | <u> </u>                 | L            | <u> </u>     | $\vdash$     | <u> </u> | <u> </u> | $\vdash$     | L         | $\vdash \vdash$ |
| <u> </u>   | 41   | Щ                        |              | <u> </u>     | $\vdash$     | <u> </u> | <u> </u> | <u> </u>     | <u> </u>  | Ш               |
|  | 42   | $\vdash \vdash$          |              | _            | $\vdash$     | <u> </u> | ļ        | <u> </u>     | <u> </u>  | Н               |
| <b></b>  | 43   | $\vdash$                 | _            | _            | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$  | Н               |
| $\vdash$   | 44<br>45   | Н                        | _            | _            | <u> </u>     | $\vdash$ | <u> </u> | -            | -         | Н               |
| $\vdash$   | 46   | $\vdash$                 | <u> </u>     |              | -            | -        |          | <del> </del> | $\vdash$  | Н               |
| <del>                                     </del> | 47   | Н                        | -            | _            |              | -        | $\vdash$ | $\vdash$     | $\vdash$  | Н               |
|  | 48   | $\vdash$                 |              | _            | -            | H        | $\vdash$ | $\vdash$     | -         | Н               |
|  | 49   | $\vdash$                 |              | _            |              | <u> </u> | -        | $\vdash$     | $\vdash$  | Н               |
|  | 50   | Н                        |              |              | $\vdash$     |          | $\vdash$ | $\vdash$     | $\vdash$  | $\dashv$        |

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| Final        | Original |              |   |              |          |              |              |          |  |                   |
|              | 51       |              |   |              |          |              |              |          |  |                   |
|              | 52       | _            | <u> </u>  | <u> </u>     | <u> </u> | <u> </u>     | _            |          |  |                   |
|              | 53       | <u> </u>     | ┞   | <u> </u>     | L        | ┡            | ╙            | <u> </u> |  | _                 |
| <u> </u>     | 54<br>55 | <u> </u>     | ⊢   | ┡            | <u> </u> | ┡            | ┡            | ⊢        | ├_   | ⊢                 |
| -            | 56       | -            | ┝   | ١            |          | ┢            | ├            | ⊢        | -  | -                 |
| -            | 57       | H            | ╁   | ├            | ├        | ┝            | ┢            | ⊢        | H  | H                 |
| -            | 58       | -            | ╁   | ┢            | ├        | -            | ╁╴           | ┢        | ┝  | <del> </del>      |
| <u> </u>     | 59       |              | H   | H            | H        | 一            | ╁            | $\vdash$ | $\vdash$   |                   |
|              | 60       | $\vdash$     | 1   | $\vdash$     | -        | -            | <del> </del> | ┢        | <del>                                     </del> | -                 |
|              | 61       |              | 1   |              | <u> </u> | ┢            | $\vdash$     | Г        | 1  | Г                 |
|              | 62       |              |   |              |          | П            |              | Г        |  |                   |
|              | 63       |              |   |              |          |              |              |          |  |                   |
|              | 64       | _            |   | <u> </u>     | L        | L            | <u></u>      | L        |  | $\overline{\Box}$ |
|              | 65       | <u> </u>     | $\vdash$  | ╙            | _        | <u> </u>     | <u> </u>     | <u> </u> | _  | ļ                 |
|              | 66       | <u> </u>     | $\vdash$  | _            |          | <u> </u>     | <u> </u>     | _        | _  |                   |
| <b> </b>     | 67<br>68 | <del> </del> | <del> </del>  | ⊢            | $\vdash$ | $\vdash$     | ⊢            | $\vdash$ | $\vdash$   | <u> </u>          |
|              |          | H            | <del> </del>  | ⊢            | ⊢        |              | -            | -        | <del> </del>                                     | _                 |
|              | 69<br>70 | -            | <del> </del>  | ⊢            | ├        | ⊢            | ⊢            | ⊢        | ├  | -                 |
| -            | 71       | ⊢            | -   | ├            | ┝        |              | ┢╌           |          | ├  |                   |
| $\vdash$     | 72       | ┢            | ┢   | ┢            | ┢        | -            | -            | -        |  | -                 |
|              | 72<br>73 |              | _   |              | _        |              | <del> </del> | -        | _  |                   |
|              | 74<br>75 |              |   |              |          |              |              |          |  |                   |
|              | 75       |              |   |              |          |              | L.           |          |  |                   |
|              | 76       | L            | L   | ᆫ            | _        | 匚            | Ŀ            | L        | <u>_</u>   | 匚                 |
| <u></u>      | 77<br>78 | ļ            | _   | <u> </u>     | <u> </u> | $\vdash$     | <u> </u>     | <u> </u> | <u> </u>   | ╙                 |
|              | 78<br>79 | ⊢            | ⊢   | ⊢            | $\vdash$ | ⊢            | ┝            | ⊢        | <u> </u>   | ⊢                 |
| <u> </u>     | 80       | ⊢            | ⊢   | ⊢            | ⊢        | ⊢            | ├            | ├        |  | ⊢                 |
| -            | 81       | ├            | -   | -            | -        | -            | $\vdash$     | -        | $\vdash$   |                   |
| -            | 82       | ┢─           | ╁   | $\vdash$     | ┢        | ╁            | $\vdash$     | $\vdash$ | <u> </u>   | ┢                 |
|              | 83       |              |   |              | H        | $\vdash$     |              |          | Н  |                   |
|              | 84       |              |   |              |          |              |              |          |  |                   |
|              | 85       |              | 匚   |              |          |              |              |          |  |                   |
|              | 86       |              | L   |              |          |              | _            | L        |  | _                 |
| <u></u>      | 87       | $\vdash$     | ⊢   | <u> </u>     | $\vdash$ | L            | <u> </u>     | <u> </u> | _  | H                 |
|              | 88       | $\vdash$     | ┡   | $\vdash$     | $\vdash$ | H            | ⊢            | $\vdash$ |  | $\vdash$          |
|              | 89<br>90 | -            | -   | <del> </del> | -        | -            | -            | $\vdash$ |  | -                 |
|              | 91       | $\vdash$     | -   | <del> </del> | ┝        | -            | $\vdash$     | $\vdash$ | -  | $\vdash$          |
|              | 92       | $\vdash$     | <del> </del>  | $\vdash$     | ┢        | <del> </del> | $\vdash$     | $\vdash$ |  | <del> </del>      |
|              | 93       | $\vdash$     | H   |              | $\vdash$ |              | H            | Н        |  | Н                 |
|              | 94       | $\vdash$     | 1   | _            | -        | ┢            | Т            | Т        |  | Т                 |
|              | 95       |              |   |              |          |              |              |          |  |                   |
|              | 96       |              |   |              |          |              |              |          |  |                   |
|              | 97       |              | $\Box$  |              | $\Box$   | $oxed{\Box}$ |              |          |  |                   |
|              | 98       | L            | L   | <u> </u>     | L.       | _            | L            |          | _  |                   |
| $\vdash$     | 99       | _            | <u> </u>  | H            | $\vdash$ | _            | _            | $\vdash$ | Щ.   | Щ                 |
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|                | 101                             | -        | ┝        | -                 | -            | -  | -        | -        | ┢            | Н              |
|                | 101<br>102                      | _        |          |                   |              |  |          | ┢        | ┢            | Н              |
|                | 103<br>104<br>105               | _        | ┢        | 1                 | 一            | ┢  | _        | ┢        | -            | Н              |
|                | 104                             |          | $\vdash$ | $\vdash$          |              | $\vdash$   |          | $\vdash$ |              | Н              |
|                | 105                             |          |          | Г                 |              |  |          | T        |              | П              |
|                | 106                             |          |          | $\Box$            |              |  |          |          |              |                |
|                | 106<br>107<br>108               |          |          | Г                 | П            |  | Г        |          |              | П              |
|                | 108                             |          |          |                   |              |  |          |          |              |                |
|                | 109                             |          |          |                   |              |  |          |          |              |                |
|                | 110                             | _        | L        | <u>_</u>          | L            |  | _        | L        | _            | Ш              |
|                | 109<br>110<br>111               | _        | L        | <u> </u>          | <u> </u>     | L.   | L_       | L        | <u> </u>     | Ш              |
|                | 112                             | <u> </u> | L        | $ldsymbol{f eta}$ | $oxed{oxed}$ | $ldsymbol{f eta}$                                | <u> </u> |          | <u> </u>     | Ш              |
|                | 112<br>113<br>114<br>115        | _        | L        | <u> </u>          | ├            | $\vdash$   | <u> </u> | _        | <u> </u>     | Ш              |
|                | 114                             | _        | <u> </u> | _                 | <u> </u>     | <u> </u>   | <u> </u> |          | ļ            | $\vdash$       |
|                | 115                             |          | <u> </u> | <u> </u>          |              | <u> </u>   | <u> </u> | _        | <u> </u>     | Н              |
| $\vdash\vdash$ | 116                             |          | _        | $\vdash$          | H            | $\vdash$   | ┝        | H        | <b>—</b>     | Н              |
| $\vdash$       | 117<br>118                      | _        | ⊢        | ┝                 | ⊢            | ⊢  | ┝        | -        | -            | Н              |
|                | 119                             |          |          | $\vdash$          | -            | _  | -        |          | -            | Н              |
|                | 119                             |          | _        |                   | -            | -  | ┝        |          | ├            | $\vdash$       |
|                | 121                             |          |          |                   | -            | <u> </u>   | $\vdash$ | -        | $\vdash$     | Н              |
|                | 120<br>121<br>122               |          |          | <del>.</del>      | -            | -  | ┝        | _        | <del> </del> | Н              |
|                | 123                             |          |          |                   | -            | -  |          |          | ┢            | H              |
|                | 123<br>124<br>125               |          |          |                   | H            |  | $\vdash$ |          | $\vdash$     | H              |
|                | 125                             |          |          |                   | Г            |  |          |          |              |                |
|                | 126                             |          |          |                   |              |  |          |          |              |                |
|                | 126<br>127<br>128               |          |          |                   |              |  |          |          |              |                |
|                | 128                             |          |          |                   |              |  |          |          |              |                |
|                | 129                             |          |          |                   |              |  | L        |          | _            |                |
|                | 130                             |          |          |                   |              |  |          |          |              |                |
|                | 131                             |          |          |                   | Ш            |  | _        |          | _            | Ш              |
|                | 129<br>130<br>131<br>132<br>133 |          |          | _                 | _            |  | L        | _        | _            | Н              |
|                | 133                             |          |          |                   |              |  |          |          | _            |                |
|                | 134<br>135                      |          |          |                   |              |  | H        |          |              | $\vdash$       |
|                | 136                             |          | -        |                   | $\vdash$     | -  | -        |          |              | Н              |
|                | 137                             |          |          | Ι                 | $\vdash$     | <del>                                     </del> | -        |          | <del> </del> | $\vdash\vdash$ |
|                | 137<br>138                      |          |          | $\vdash$          | $\vdash$     | $\vdash$   | $\vdash$ |          | $\vdash$     | H              |
|                | 139                             |          |          | H                 | $\vdash$     | Н  | Н        |          |              | $\vdash$       |
|                | 140                             |          | _        |                   | Н            | $\vdash$   | Н        | _        | $\vdash$     | $\vdash$       |
|                | 141                             | $\sqcap$ |          | H                 | П            | _  | Т        |          |              | $\sqcap$       |
|                | 142                             |          |          |                   |              |  |          |          |              | $\Box$         |
|                | 143                             | $\Box$   |          |                   |              |  |          |          | П            | П              |
|                | 144                             |          |          |                   |              |  |          |          |              |                |
|                | 145                             |          |          |                   |              |  |          |          |              |                |
|                | 146                             |          |          |                   |              |  |          |          |              |                |
|                | 147                             |          |          |                   |              |  |          |          |              |                |
|                | 148                             |          |          |                   |              |  |          |          |              |                |
|                | 149                             |          |          | Щ                 | Щ            |  |          |          | Ш            | Щ              |
|                | 150                             |          | i        |                   | L            |  |          |          |              |                |